

Title (en)

AERODYNAMICALLY STABLE ROOF PAVER SYSTEM AND BALLAST BLOCK THEREFOR

Title (de)

AERODYNAMISCH STABILES DACHFERTIGERSYSTEM UND BALLASTBLOCK DAFÜR

Title (fr)

SYSTÈME DE FINISSEUR DE TOIT AÉRODYNAMIQUEMENT STABLE ET BLOC DE BALLAST ASSOCIÉ

Publication

EP 4215685 A1 20230726 (EN)

Application

EP 23161551 A 20190429

Priority

- US 201815967934 A 20180501
- EP 19171508 A 20190429

Abstract (en)

A ballast block is provided with a body and a plurality of fluid receiving channels. The body includes a top surface, a bottom surface positioned opposite the top surface, and a first side extending between the top surface and the bottom surface. The plurality of fluid receiving channels are disposed along the first side in a plurality of units and extending from the top surface to the bottom surface to form a zigzag pattern. Each unit of the plurality of units having an adjacent pair of fluid receiving channels extending at opposing angles toward each other from the top surface to the bottom surface in an approximate V-shape.

IPC 8 full level

E04D 11/00 (2006.01)

CPC (source: EP US)

E04D 5/06 (2013.01 - US); **E04D 11/00** (2013.01 - EP); **E04D 11/02** (2013.01 - US); **E04D 13/12** (2013.01 - US); **E04F 15/02038** (2013.01 - US); **E04F 15/02183** (2013.01 - US); **E04F 15/08** (2013.01 - US); **E04F 2201/0107** (2013.01 - US); **E04F 2201/023** (2013.01 - US); **E04F 2201/043** (2013.01 - US); **E04F 2203/00** (2013.01 - US); **E04F 2290/044** (2013.01 - US)

Citation (applicant)

US 5377468 A 19950103 - REPASKY JOHN [US]

Citation (search report)

- [AD] US 5377468 A 19950103 - REPASKY JOHN [US]
- [X] HANOVER ARCHITECTURAL PRODUCTS: "Ventloc Interlocking Lightweight Roof Ballast", 26 June 2017 (2017-06-26), pages 1 - 3, XP055613462, Retrieved from the Internet <URL:http://web.archive.org/web/20170626231748/http://www.hanoverpavers.com/index.php/products/high-wind-solutions?layout=edit&id=248> [retrieved on 20190816]
- [X] AIA DALLAS: "COOLUMNS Spring 2017 Vol. 34 No. 2", 1 January 2017 (2017-01-01), XP055613469, Retrieved from the Internet <URL:https://www.aiadallas.org/media/uploads/columns-docs/columns_spring_2017_final_0512.pdf> [retrieved on 20190816]
- [X] HANOVER ARCHITECTURAL PRODUCTS: "VENTLOC INTERLOCKING LIGHTWEIGHT ROOF BALLAST", 26 September 2016 (2016-09-26), pages 1 - 1, XP055613470, Retrieved from the Internet <URL:https://www.hanoverpavers.com/images/PDFs/1401-Ventloc_Dtl.pdf> [retrieved on 20190816]
- [A] HANOVER ARCHITECTURAL PRODUCTS: "VENTLOC PRODUCT DATA SHEET", 25 October 2016 (2016-10-25), pages 1, XP055613487, Retrieved from the Internet <URL:https://www.hanoverpavers.com/images/PDFs/1403-Ventloc-Data-Sheet.pdf> [retrieved on 20190816]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

EP 19171508 A 20190429; CA 3040938 A 20190424; EP 23161551 A 20190429; JP 2019085671 A 20190426; US 201815967934 A 20180501